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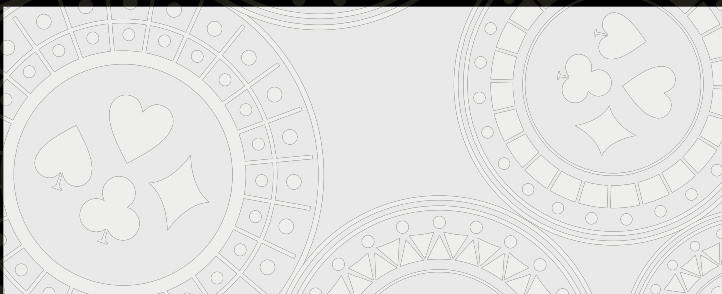
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# LED+A

The magazine of the Illuminating Engineering Society of North America

# LIGHTFAIR

## 2014 Preview



May 2014  
[www.ies.org](http://www.ies.org)

25<sup>th</sup> Annual

# LIGHTFAIR

## International

June 1-5, 2014  
Las Vegas  
Convention Center

**M**ore than 140 speakers from diverse disciplines have been selected to cover a broad spectrum of educational topics. The 2014 program will contain 80 course offerings—totaling more than 220 hours with AIA, ASLA, BOMI, IDCEC, IES and NC-QLP accreditation—available in the Pre-Conference LIGHTFAIR Institute and the LIGHTFAIR Conference.

LFI 2014 speakers will include experts from the lighting industry and other industries and professions such as architecture, design, engineering, exterior and roadway planning, facility management, government, healthcare, hospitality, alternative energy including solar power and more.

The LIGHTFAIR 2014 Conference will provide knowledge and perspectives on how a collaborative, multidisciplinary approach can improve design outcomes for the betterment of the human experience through four theme areas:

- **Inspiration** sessions address rule-breakers, creators of new pathways, redefining the human experience within the built environment.
- **Technology and Tools** sessions address areas such as software, sources, luminaire components, controls, alternative/solar energy sources, daylighting and beyond.
- **Problem-Solving** sessions address the process of achieving a viable solution through the successful combination of ideas. Situations may range from business-related issues to technology and design.
- **Integrated Design** sessions address the holistic design process of a product or an environment that incorporates the collaboration of design professionals, manufacturers, builders, owners and/or end-users.

On the pages that follow, we preview some of the seminars that express these four themes. For more information about LIGHTFAIR International, please visit [www.lightfair.com](http://www.lightfair.com).



Amardeep Dugar



Toby Lewis

**THURSDAY, JUNE 5, 8:30 A.M.-10:00 A.M.**  
**THE NEXT BIG THING?**

One rarely sees the words *pragmatic* and *utopian* in the same sentence, and while no one can know for sure, it's a safe bet that these two contradictory concepts have never been part of the same LIGHTFAIR seminar title. But that's about to change. Led by **Amardeep Dugar** of Lighting Research & Design and **Toby Lewis** of Arup, the seminar entitled "**Pragmatic Utopian Lighting Design: A Modern Movement of Careful Design and Conservation**" will explore the term coined by Bjarke Ingels of the architecture firm BIG.

"The term 'pragmatic utopian' may or may not catch on in text books, but BIG is in good company with several current and emerging architecture firms who are re-defining the practice of architecture: both *what* is designed and *how*," says Dugar. "The movement is characterized by an emphasis on socially, environmentally and economically responsible design."

Dugar points out that pragmatic utopian design differs from the more commonly used term "sustainable design." "There is a fundamental difference in terms of approach. Sustainable design tends to nullify differing requirements using a compromise or the lowest common denominator. However, pragmatic utopian design incorporates and integrates differing requirements, not through compromise but by tying conflicting differences into a Gordian knot of new ideas," he says. "This way it becomes an inclusive rather than exclusive approach. Therefore, we do not have to adapt our life-

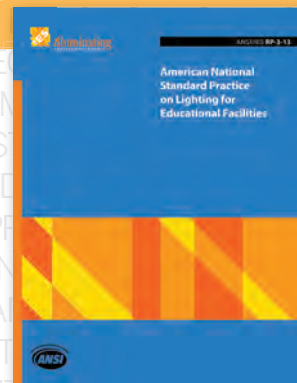
style to sustainability but can adjust our sustainable designs to the way we want to live."

What does this all mean for lighting designers? Referencing projects by BIG and other firms, Dugar and Lewis will describe how, for example, constraints due to energy codes can lead to sophisticated controls that can then allow for more creative lighting and peak load shedding. Moreover, the principles of pragmatic utopianism can even encourage individuals to change their behavior in more sustainable ways. For example, interestingly lighted stairwells can encourage their use instead of elevators. Or bridge lighting that is designed such that it inspires individuals to park their cars and walk.

Paul Tarricone

# American National Standard Practice on Lighting for Educational Facilities

This ANSI approved Recommended Practice was developed to enable school and college administrators to understand the importance of the role that lighting plays in educational environments, to be able to convey to architects and other designers the needs for appropriate provisioning of lighting, and enable architects, engineers, lighting designers, and other lighting decision-makers to ensure that their lighting criteria are consistent with good current practice. It addresses all levels of education, from preschool to continuing professional development. The scope of this Recommended Practice pertains to learning and study activities and associated circulation areas. The IES Lighting Handbook, 10th Edition and latest versions of other IES Recommended Practices (RPs) should be consulted for guidance on lighting for other related spaces such as administration and sports, and strategies for daylighting, commissioning, and maintenance practices.



List Price: **\$75.00**  
 IES Member Price: **\$52.50**  
 Order # **RP-3-13**

FOR MORE INFORMATION VISIT  
[WWW.IES.ORG/STORE](http://WWW.IES.ORG/STORE)





## MEMBERS

Membership Committee chair Fred Hasler announced the IES gained four Sustaining Members and 84 Members (M), Associates and Student members in March.

## NEW MEMBERS

### Sustaining Members

Betzold & Albrecht Lighting Group, LLC., Lake Zurich, IL  
JP LED Lighting A Division of Jeco Power Developments, Vancouver, BC  
LTF, Northbrook, IL  
Rafferty Lighting Group, St. Louis, MO

### Midwest Region

Nicholas W. Betzold, Betzold & Albrecht Lighting Group, LLC., Lake Zurich, IL  
Jeffrey C. Chamberlin (M), 20/10 Engineering Group, LLC, Schaumburg, IL  
Ethan L. Coyle (M), PE Services, Lebanon, OH  
Bin Du, Racine, WI  
Zack O. Geiser, Chrysler LLC., Pontiac, MI  
Kimberly R. Ilhardt, Henderson Engineers, Inc., Lenexa, KS  
Shoubert Makanoeh, LTF, Northbrook, IL  
John A. Meszaros, City of Aurora, Aurora, IL  
Daniel J. Minarcik, Franklin Energy, Merrillville, IN  
Dan P. Silenzi, Con-Tech Lighting, Northbrook, IL  
Edin Smailovic (M), Shive Hattery, West Des Moines, IA  
Sarah K. Yacko, Aurora Lighting Design, Grayslake, IL  
Clifford J. Yahnke (M), Kenall Manufacturing, Gurnee, IL  
Karina Zarate, Progressive AE, Grand Rapids, MI  
*University of Wisconsin - Madison*  
Ben J. Golden

### Northeast Region

Iris S. Ahn, Kugler Ning Lighting Design, New York, NY  
Charles R. Baglivio, Platinum Energy Group, Lindenhurst, NY  
Jason A. Baright, G&G LED, Red Hook, NY  
Myriam S. Cortes Rojas, ILA Lighting and Controls, Howell, NJ  
David Ellis (M), Intertek Testing Services, Cortland, NY  
William Fletcher (M), McFarland-Johnson, Inc., Binghamton, NY  
Anthony Frias, Af.Studio, Scarborough, ON  
Leonardo Grajales, Jacobs, New York, NY  
Michael R. Hurley, Canarm, Brockville, ON

Stephen E. Iski (M), The Studio I Company, Pittsburgh, PA  
Hawk Jameson, Point Source Group, Rochester, NY  
Shan Jiang, Tillotson Design Associates, New York, NY  
Gary L. Koch, Colonial Electric Supply Co., King of Prussia, PA  
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Brittany E. Lynch, RAB Lighting, Inc., Medford, MA  
Brendan M. McCartney, Philips Lighting, New Brunswick, NJ  
Richard J. Miles, GE Lighting, Nashua, NH  
Tony Muto (M), Toronto, ON  
Sasha A. Naumovich, Illumination Arts, Bloomfield, NJ  
Jordan Paczos, Gestion en Infrastructures Souterraines, Mascouche, QC  
Eric J. Petrichenko (M), Vanguard Lighting, Woburn, MA  
Elaina N. Samardzija, S3 Interior Design, Winnipeg, MB  
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*University of Pennsylvania*  
Xiufang Zhao

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Ernest J. Lock, Scott Oldner Lighting Design, Dallas, TX  
Philip A. Marlow, PLC Multipoint, Keller, TX  
Ronaldo Mojica (M), KES Engineering, Inc., Columbia, MD  
Nick Nguyen, Scott Oldner Lighting Design, Cedar Park, TX  
Madelaine A. Reese, Wesco Distribution, Inc., Irving, TX  
Jason Roach, Malmstrom White Co., Little Rock, AR  
Michael K. Stern, Smart City Infrastructure, Dallas, TX  
Dale R. Stolzenburg, Eaton's Cooper Lighting Business, Spring, TX  
Jonathan J. Wierer (M), Sandia National Laboratories, Albuquerque, NM

*University of South Carolina*  
Samuel W. Bernstel

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Andrew J. Green, Green Services Canada Limited, Cochrane, AB  
Connie Jones (M), Aura Light International, Reno, NV  
Bong K. Kang, Photon Works Engineering LLC, Honolulu, HI  
Blair C. Knott (M), Alberta Transportation, Edmonton, AB  
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Kurt J. Palmer, Qualite Sports Lighting, Goodyear, AZ  
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Roger D Peery (M), Tacoma Power, Tacoma, WA  
Chelsey L. Pierce, Cator, Ruma & Associates, Co., Lakewood, CO  
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Mark Raffetto (M), Vektrex, San Diego, CA  
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*University of California Santa Barbara*  
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*Washington State University Vancouver*  
Jarren R. Parthemer

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Bharti Chhabra (M), Debbas Prime Solutions, Gurgaon, India  
Amit Gupta, Vis a Vis India Pvt Ltd., New Delhi, India  
Shahin BE Mirza, Gulf Lights Electrical Engineering, Doha, Qatar



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### CALL FOR PAPERS

Paper Due Date:  
**June 5, 2014**

Poster Due Date:  
**July 26, 2014**

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